

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016358.D
 Acq On : 14 Aug 2018 17:13
 Operator : SJ/JU
 Sample : J4427-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RB47197

Manual Integrations
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Sohil
 8/15/2018 3:27:52 PM

Quant Time: Aug 15 11:54:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	33961	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	134055	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	76447	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	171428	20.00	ng	0.00
75) Chrysene-d12	21.62	240	156580	20.00	ng	0.00
86) Perylene-d12	23.95	264	164500	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	247899	121.25	ng	0.00
7) Phenol-d6	7.29	99	309643	115.97	ng	0.00
23) Nitrobenzene-d5	9.30	82	230633	80.02	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	120179	123.95	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	397641	63.29	ng	0.00
78) Terphenyl-d14	20.07	244	583597	78.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	10.98	128	22732	3.350	ng	96
49) Dimethylphthalate	14.20	163	41214	6.160	ng	# 99
70) Phenanthrene	17.53	178	69940	7.287	ng	95
71) Anthracene	17.63	178	21765	2.333	ng	98
74) Fluoranthene	19.53	202	135545	12.661	ng	97
77) Pyrene	19.89	202	126323	13.462	ng	98
80) Benzo(a)anthracene	21.60	228	68758	7.130	ng	94
82) Chrysene	21.66	228	62080m	6.711	ng	
83) Bis(2-ethylhexyl)phthalate	21.49	149	27289	3.950	ng	95
85) Indeno(1,2,3-cd)pyrene	26.33	276	44948	4.094	ng	# 93
87) Benzo(b)fluoranthene	23.24	252	85520	8.830	ng	# 97
88) Benzo(k)fluoranthene	23.29	252	25767m	2.625	ng	
89) Benzo(a)pyrene	23.85	252	68613	7.369	ng	95
91) Benzo(a,h,i)perylene	27.07	276	44284	4.854	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

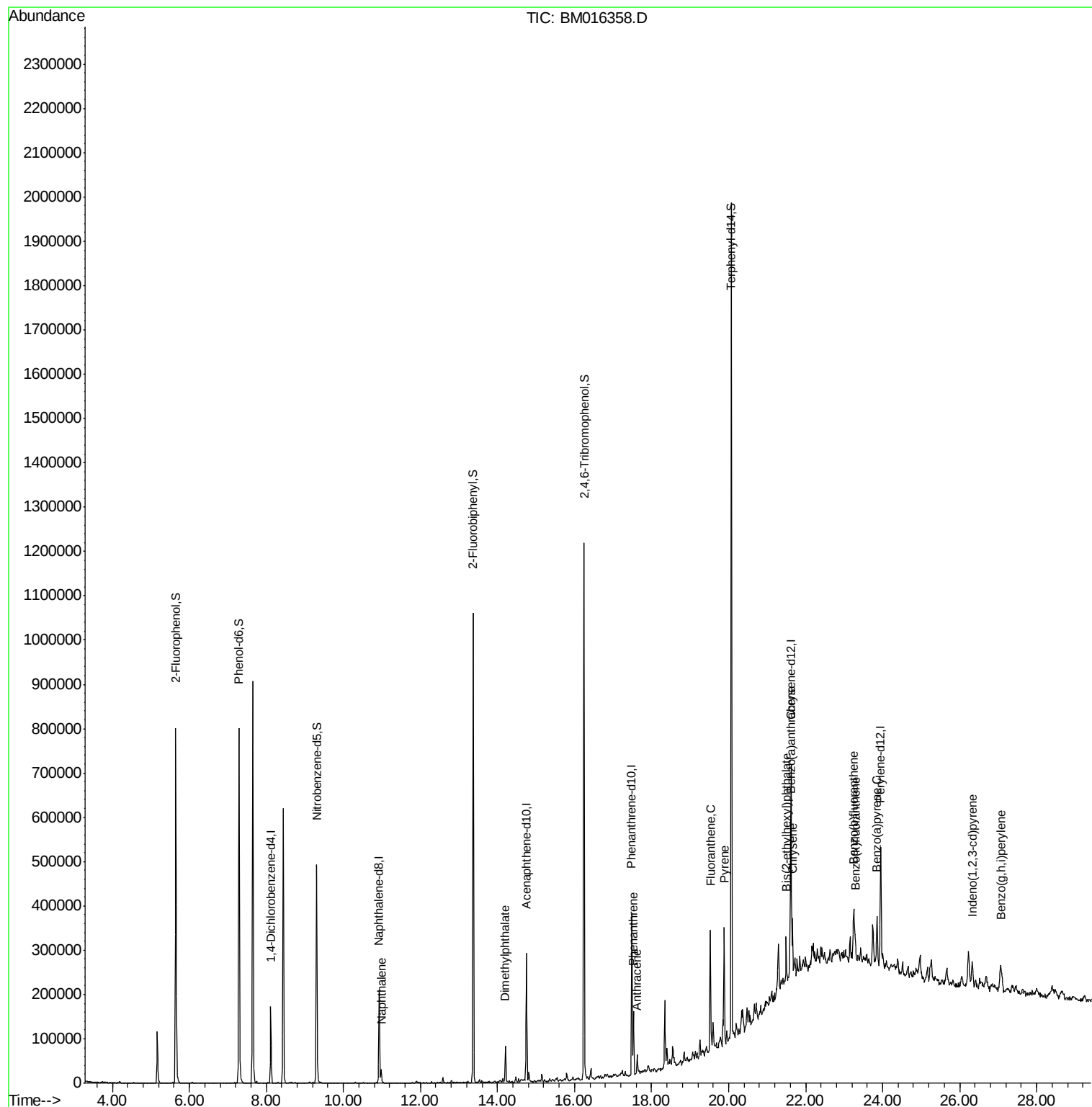
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
Data File : BM016358.D
Acq On : 14 Aug 2018 17:13
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Misc :
ALS Vial : 13 Sample Multiplier: 1

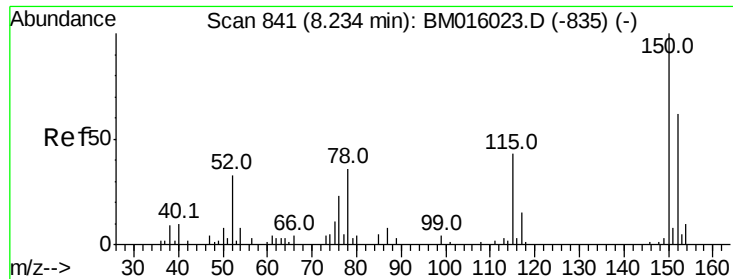
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
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#1

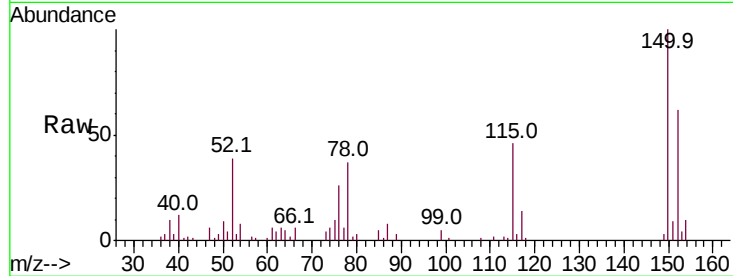
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampled :
RB47197

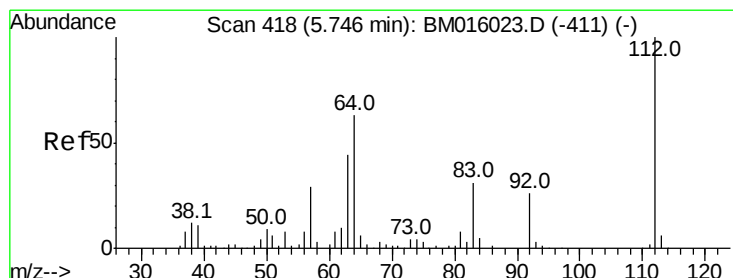
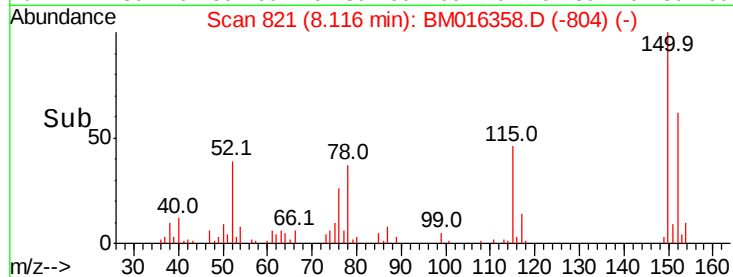
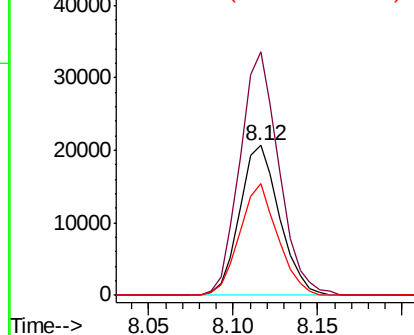
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	119.5	179.3
115	74.9	43.0	64.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

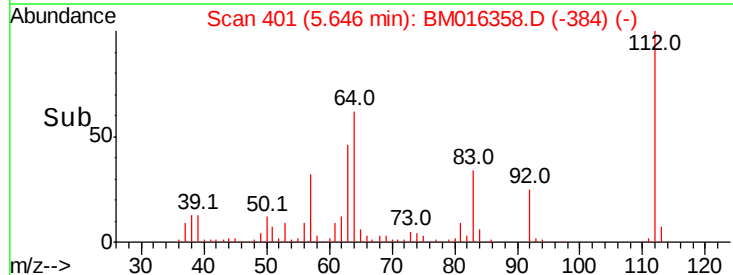
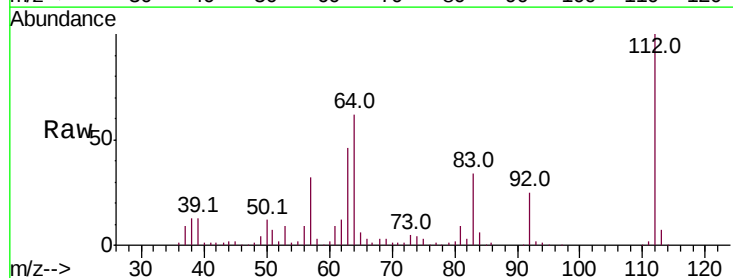
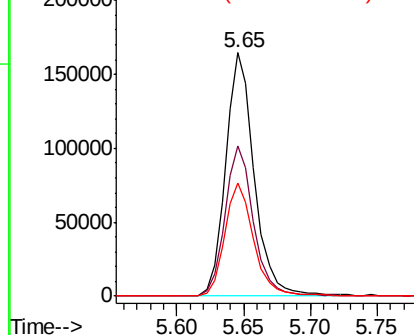


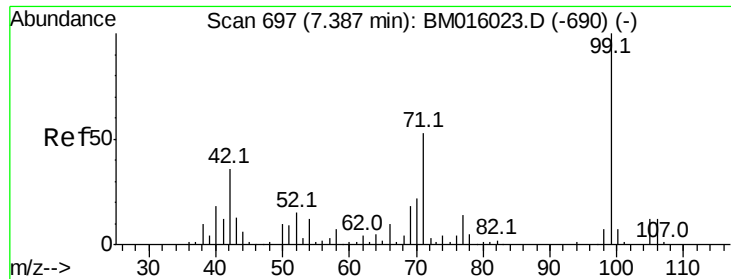
#5

2-Fluorophenol
Concen: Below ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8
63	46.4	19.3	28.9

Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016358.D

Acq: 14 Aug 2018 17:13

Instrument :

BNA_M

ClientSampled :

RB47197

Tot Ion: 99 Resp: 309643

Ion Ratio Lower Upper

99 100

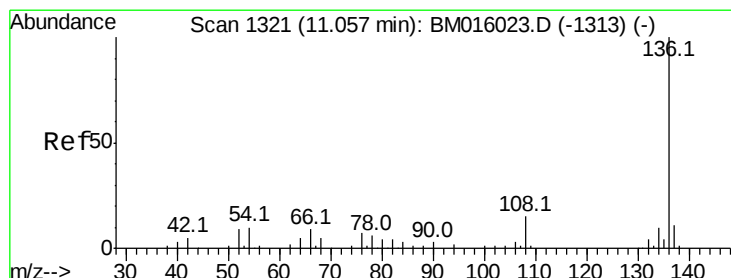
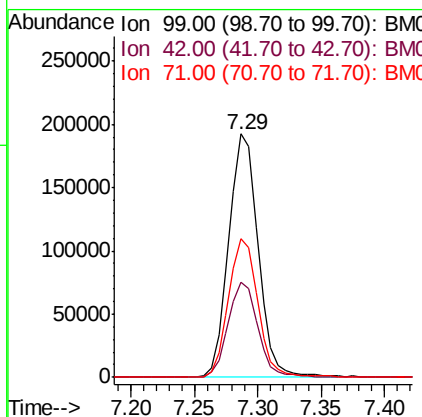
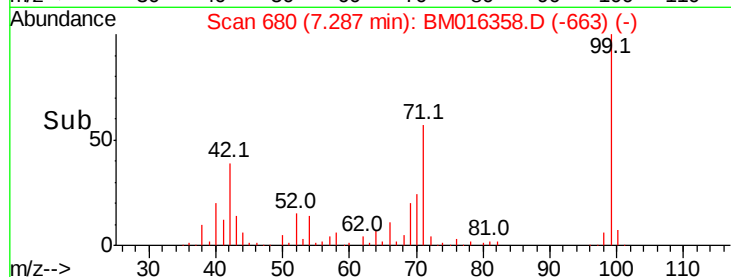
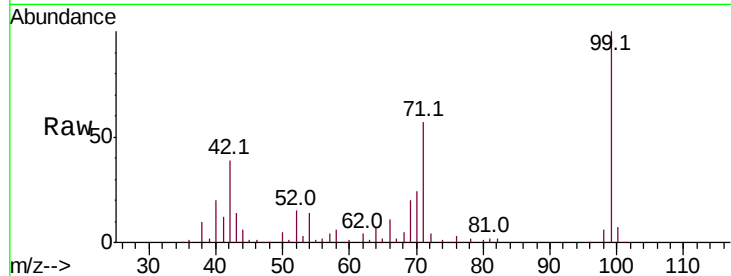
42 39.2 11.0 16.4#

71 56.9 23.4 35.2#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM016358.D

Acq: 14 Aug 2018 17:13

Tgt Ion: 136 Resp: 134055

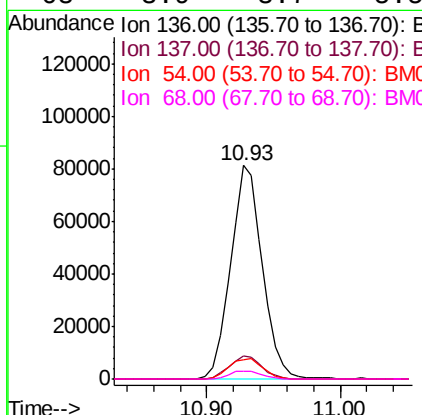
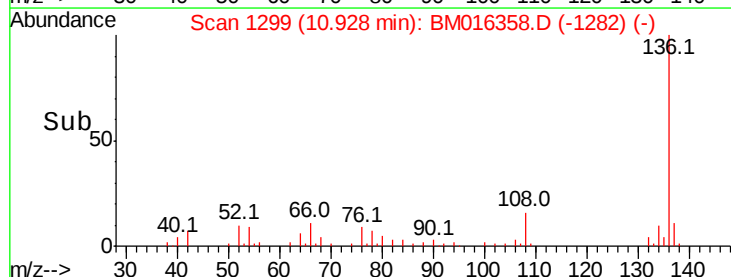
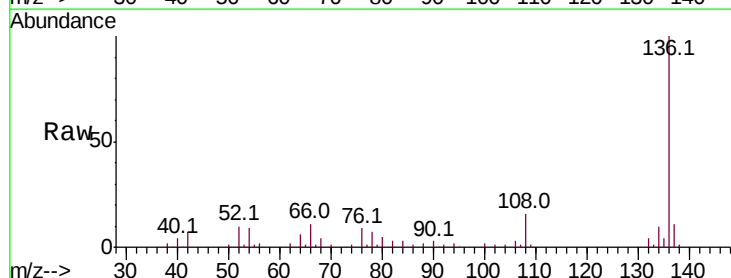
Ion Ratio Lower Upper

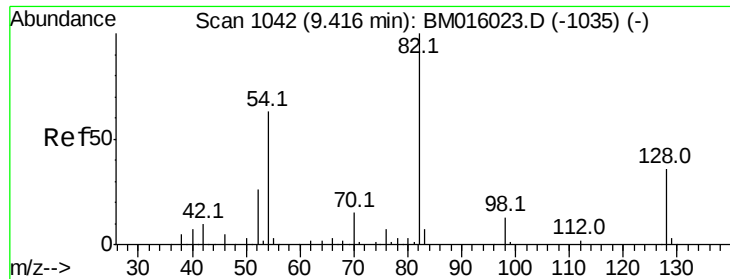
136 100

137 10.7 8.7 13.1

54 9.1 4.6 6.8#

68 3.9 3.7 5.5





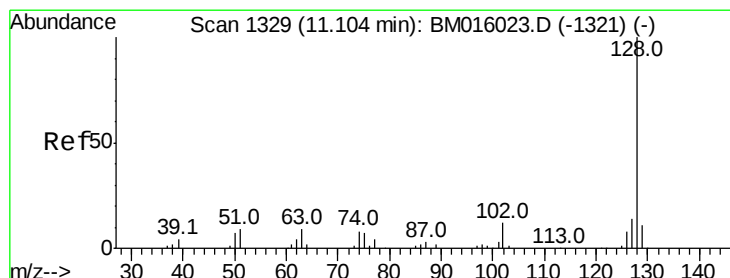
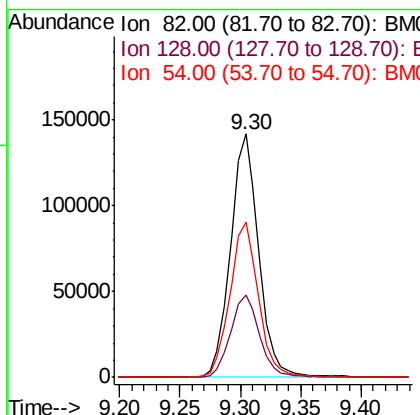
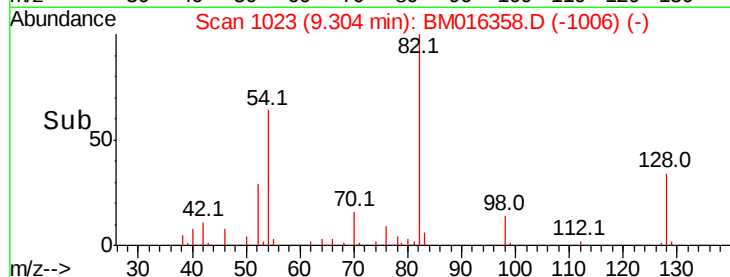
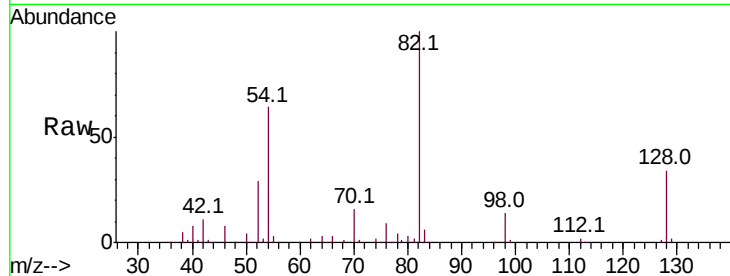
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	34.1	32.8	49.2
54	63.6	40.6	60.8

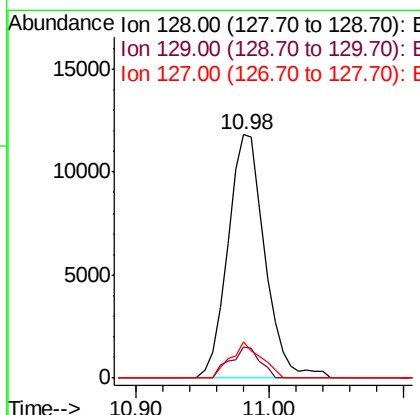
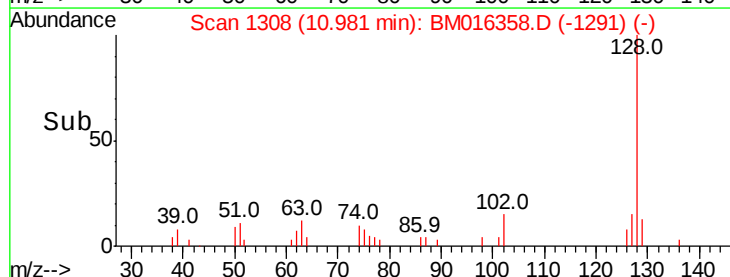
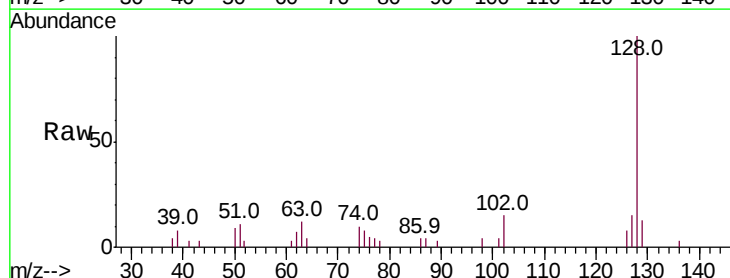
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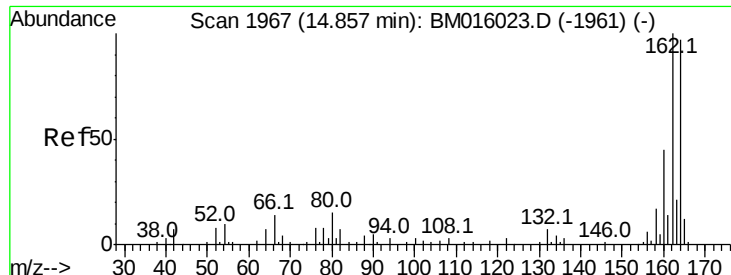
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#31
Naphthalene
Concen: 3.350 ng
RT: 10.98 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	12.7	8.9	13.3
127	14.9	10.4	15.6





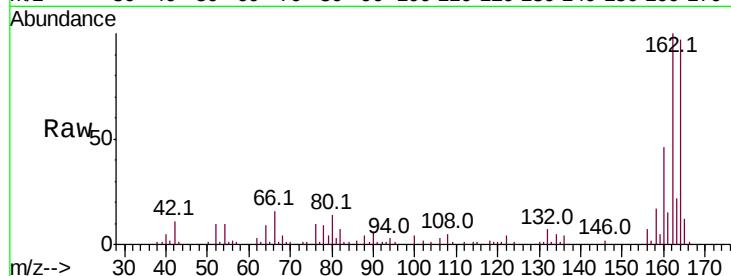
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampled :
RB47197

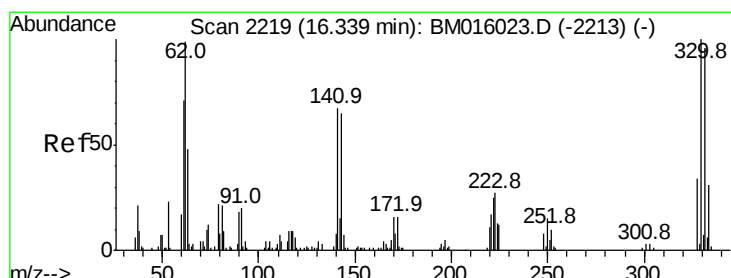
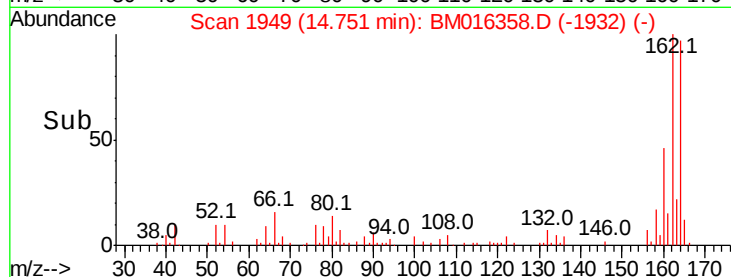
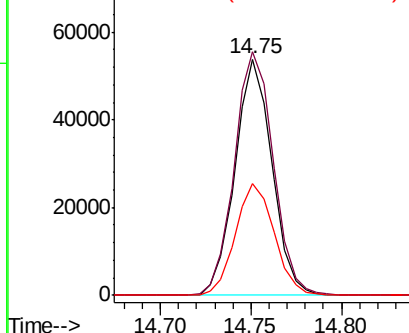
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	47.5	35.8	53.6

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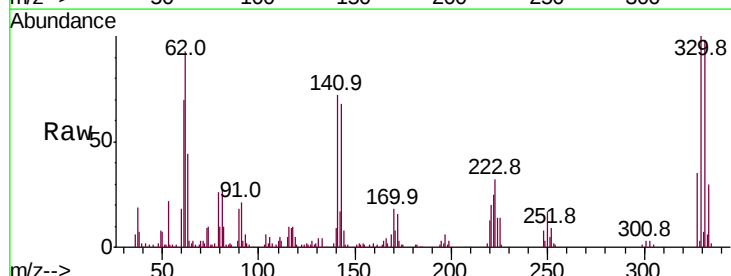


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

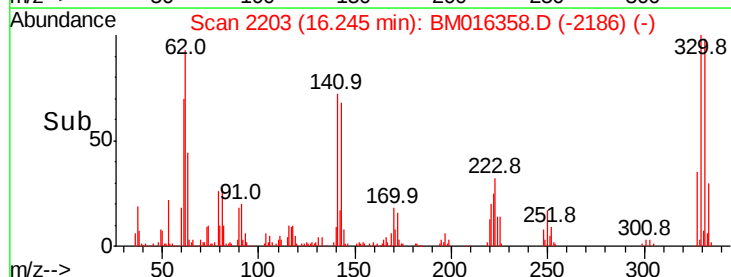
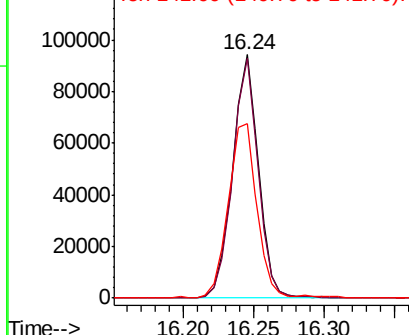


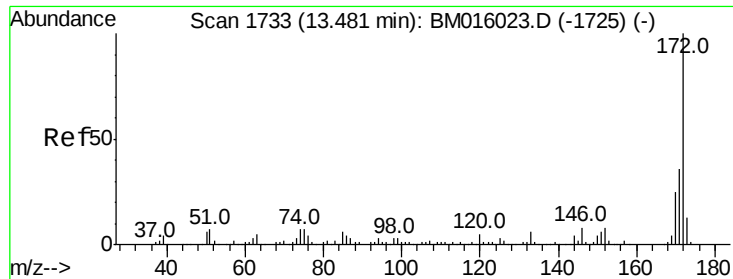
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.24 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	80.2	0.0	0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





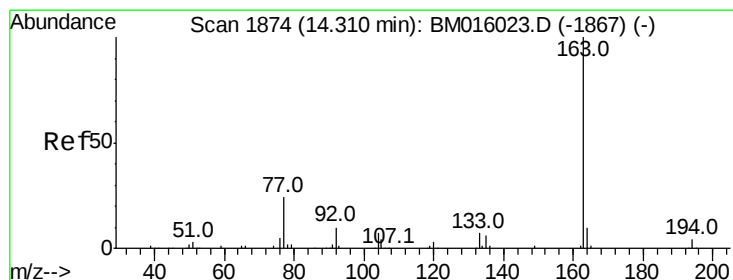
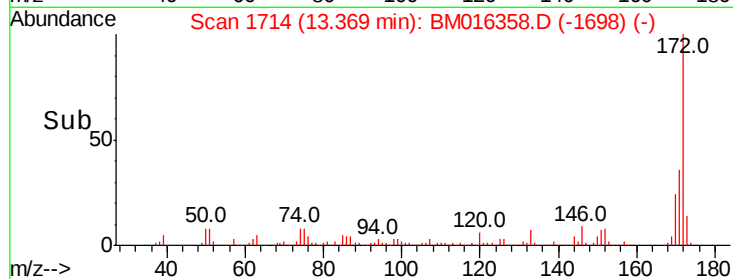
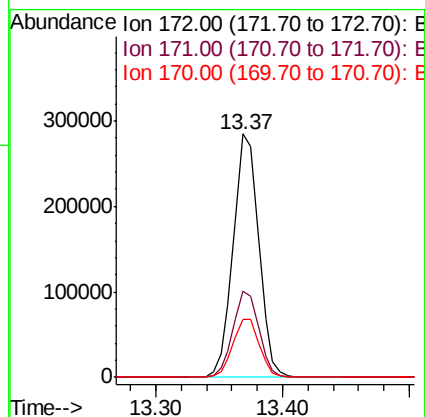
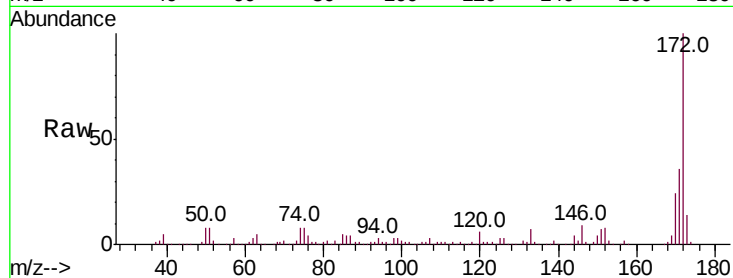
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.37 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tot Ion:	172	Resp:	397641
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.5	42.7
170	24.1	18.8	28.2

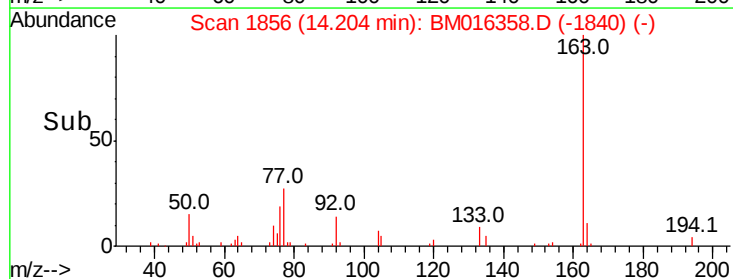
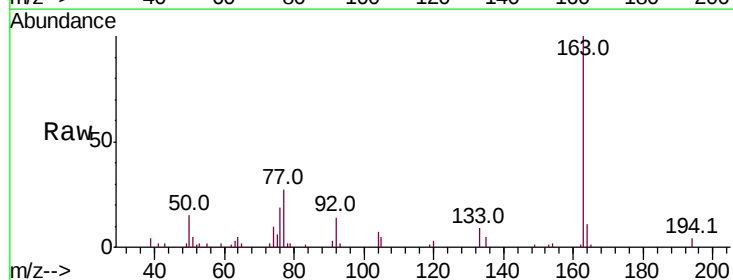
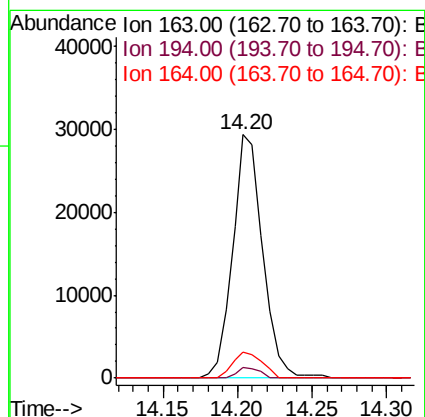
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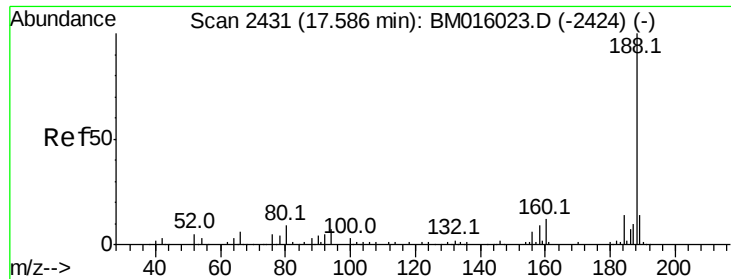
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#49
Dimethylphthalate
Concen: 6.160 ng
RT: 14.20 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:	163	Resp:	41214
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.7	4.1#
164	10.6	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM016358.D

Acq: 14 Aug 2018 17:13

Instrument :

BNA_M

ClientSampleId :

RB47197

Tot Ion:188 Resp: 171428
Ion Ratio Lower Upper

188 100

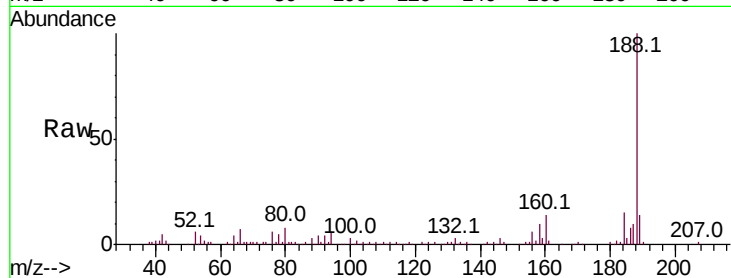
94 6.4 8.7 13.1#

80 7.8 9.3 13.9#

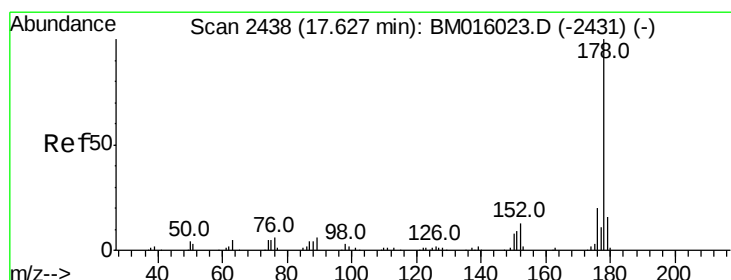
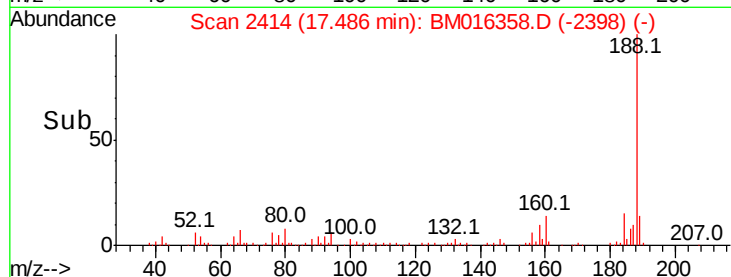
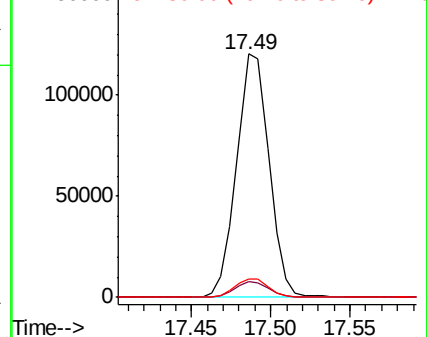
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM



#70

Phenanthrene

Concen: 7.287 ng

RT: 17.53 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BM016358.D

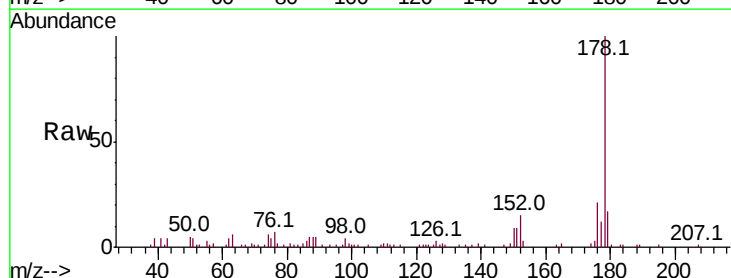
Acq: 14 Aug 2018 17:13

Tgt Ion:178 Resp: 69940
Ion Ratio Lower Upper

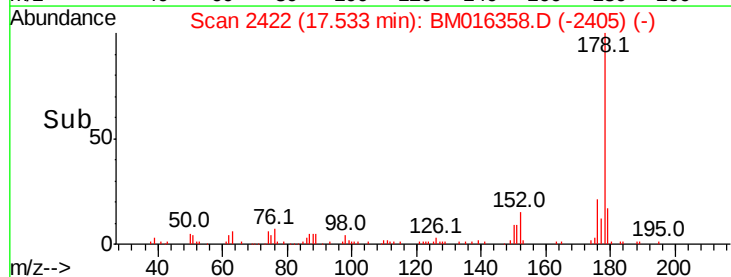
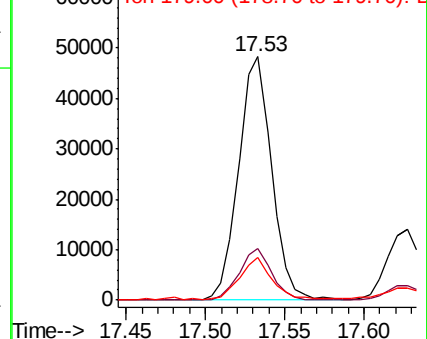
178 100

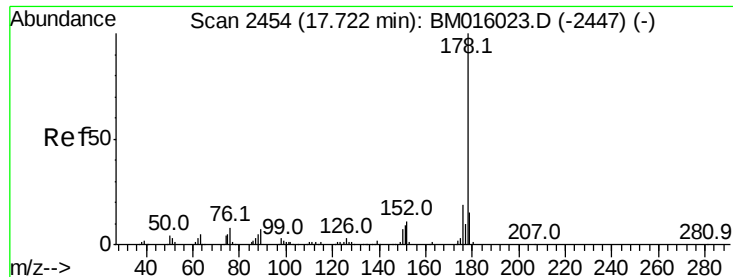
176 21.1 15.2 22.8

179 17.3 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.333 ng

RT: 17.63 min Scan# 2438

Delta R.T. 0.01 min

Lab File: BM016358.D

Acq: 14 Aug 2018 17:13

Instrument :

BNA_M

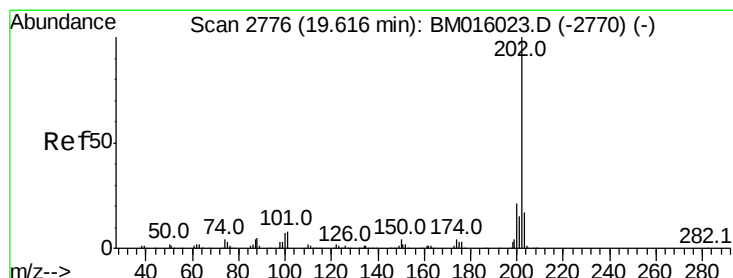
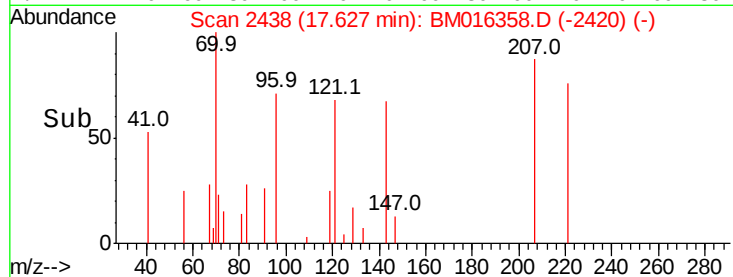
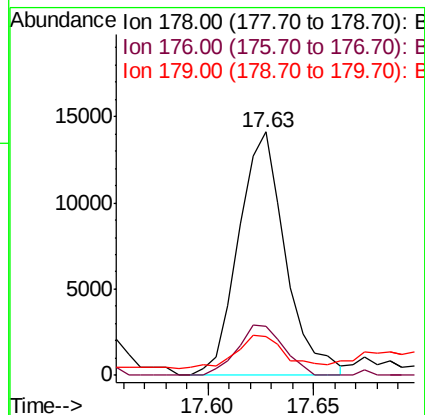
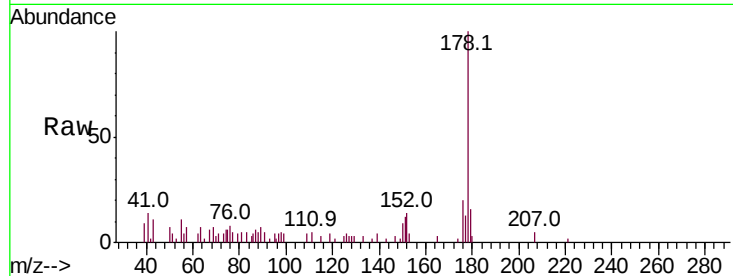
ClientSampleId :

RB47197

Tot Ion:	178	Resp:	21765
Ion Ratio	Lower	Upper	
178	100		
176	20.1	14.6	22.0
179	16.1	12.6	19.0

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#74

Fluoranthene

Concen: 12.661 ng

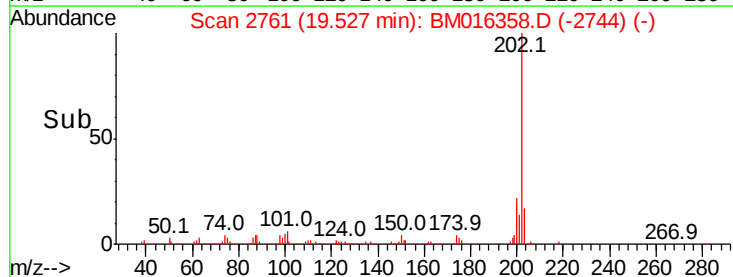
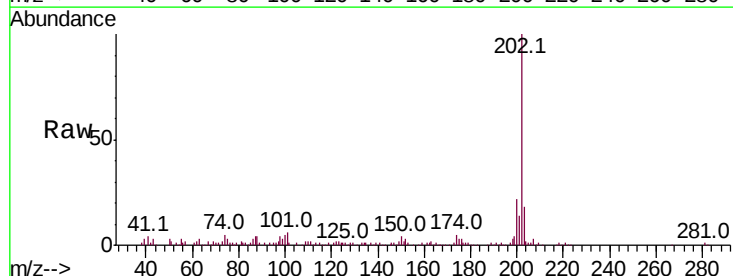
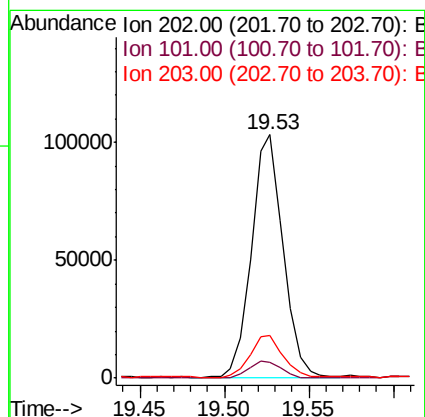
RT: 19.53 min Scan# 2761

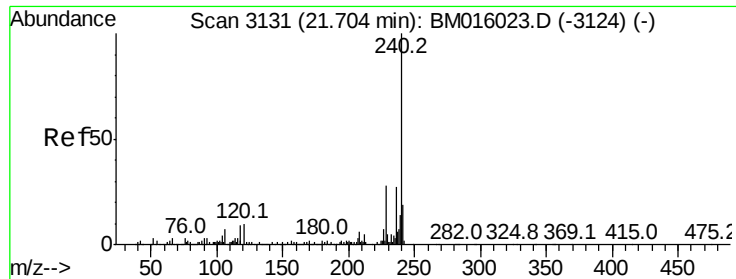
Delta R.T. 0.00 min

Lab File: BM016358.D

Acq: 14 Aug 2018 17:13

Tgt Ion:	202	Resp:	135545
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	28.7
203	17.6	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BM016358.D

Acq: 14 Aug 2018 17:13

Instrument :

BNA_M

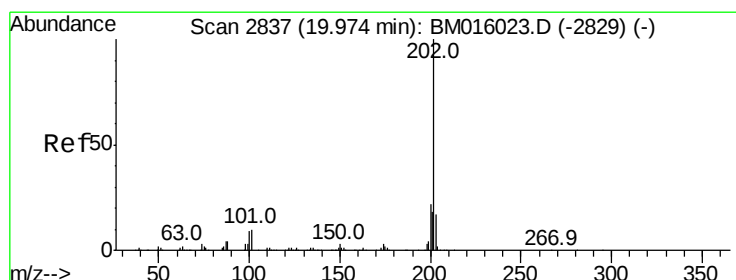
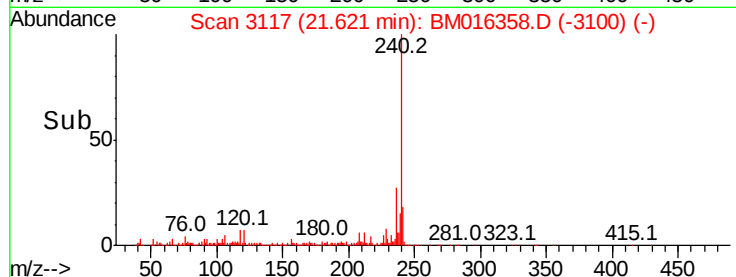
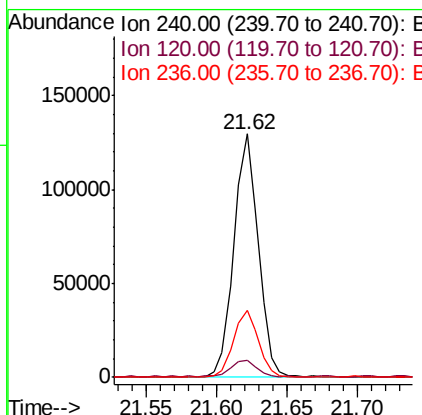
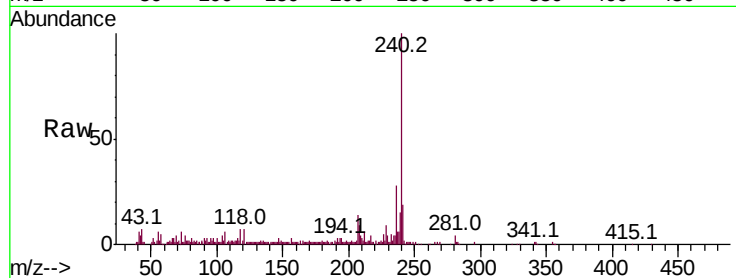
ClientSampleId :

RB47197

Tot Ion:	240	Resp:	156580
Ion Ratio	Lower	Upper	
240	100		
120	7.1	8.2	12.2#
236	27.6	20.0	30.0

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#77

Pyrene

Concen: 13.462 ng

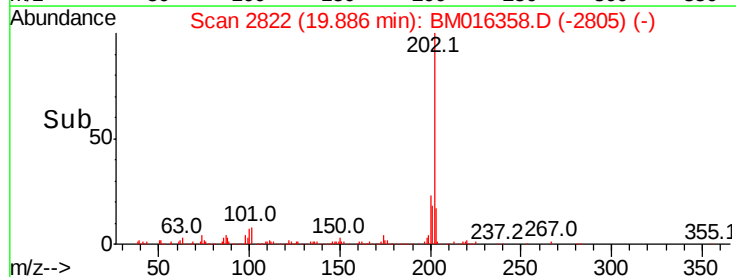
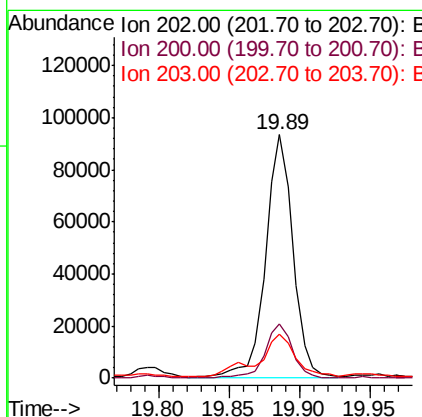
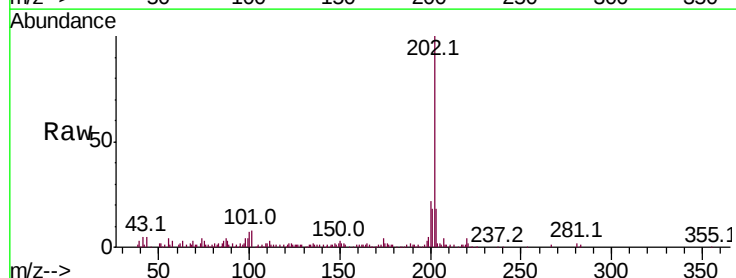
RT: 19.89 min Scan# 2822

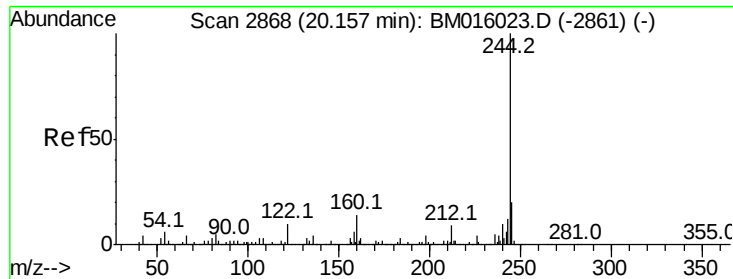
Delta R.T. 0.00 min

Lab File: BM016358.D

Acq: 14 Aug 2018 17:13

Tgt Ion:	202	Resp:	126323
Ion Ratio	Lower	Upper	
202	100		
200	22.4	16.9	25.3
203	18.0	14.1	21.1





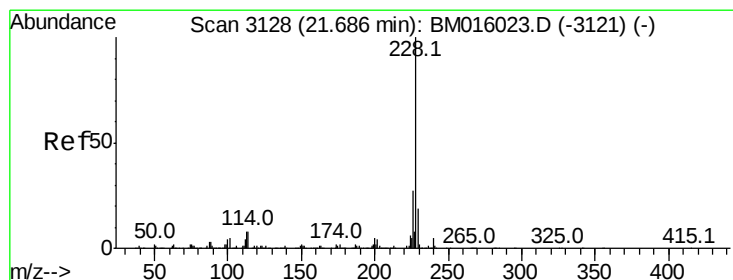
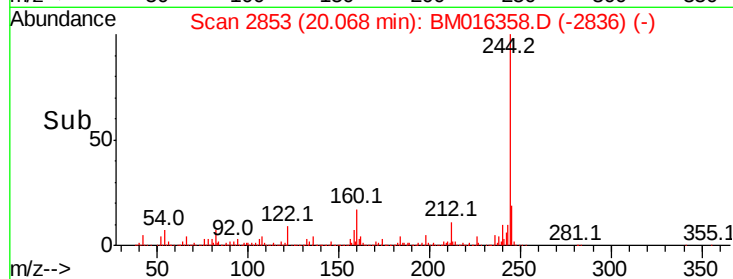
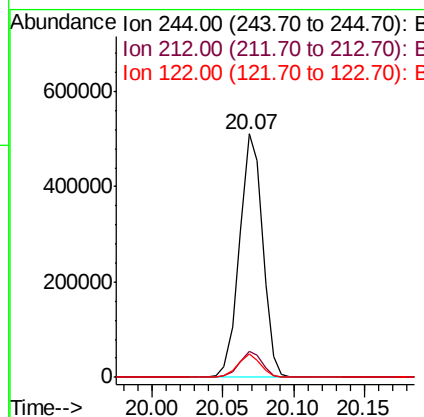
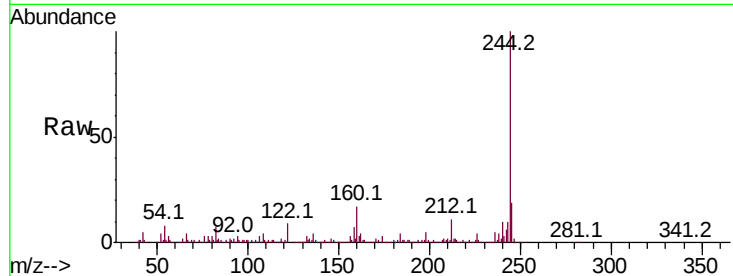
#78
 Terphenyl-d14
 Concen: 13.462 ng
 RT: 20.07 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BM016358.D
 Acq: 14 Aug 2018 17:13

Instrument :
 BNA_M
 ClientSampled :
 RB47197

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	9.5	6.2	9.4#

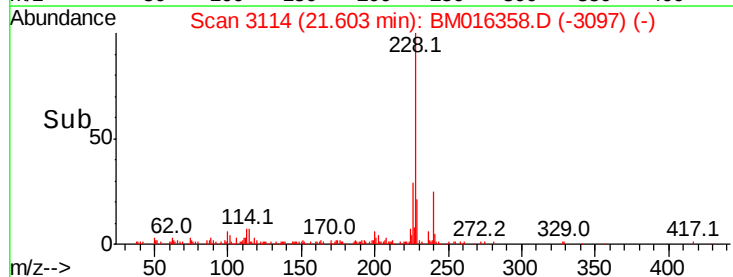
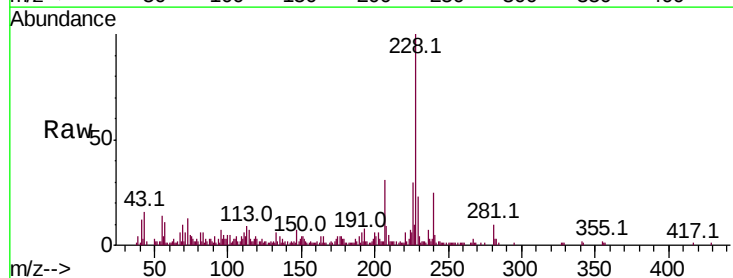
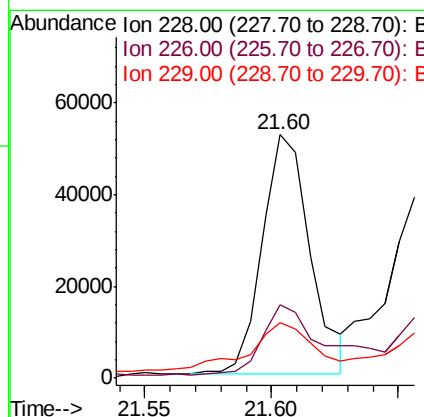
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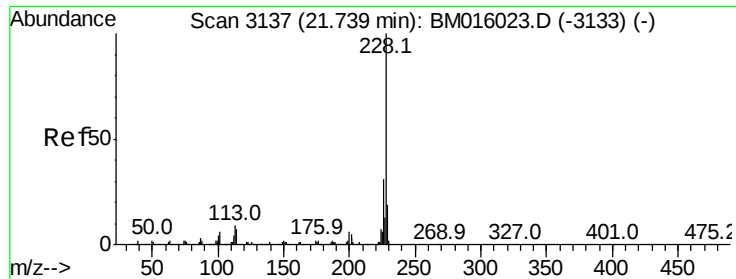
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#80
 Benzo(a)anthracene
 Concen: 7.130 ng
 RT: 21.60 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BM016358.D
 Acq: 14 Aug 2018 17:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	21.7	32.5
229	22.7	16.0	24.0





#82

Chrysene

Concen: 6.711 ng/mL

RT: 21.66 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM016358.D

Acq: 14 Aug 2018 17:13

Instrument :

BNA_M

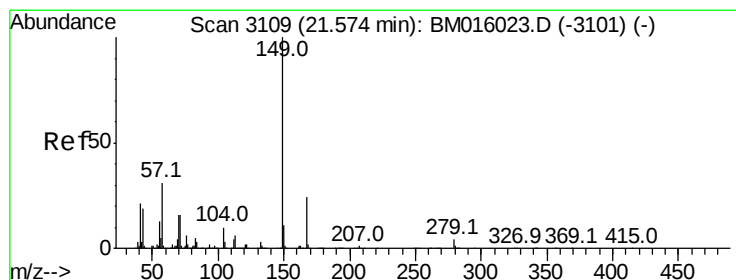
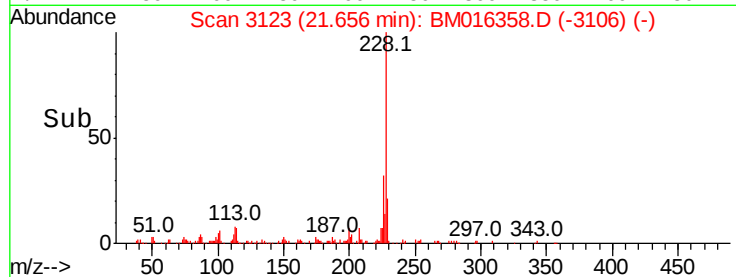
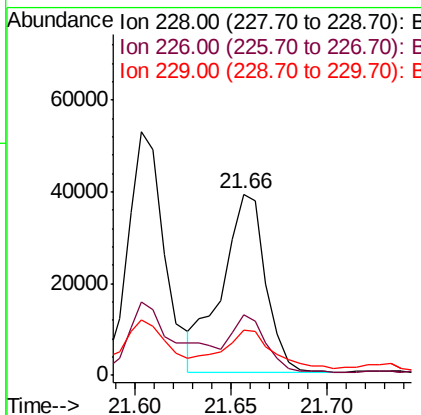
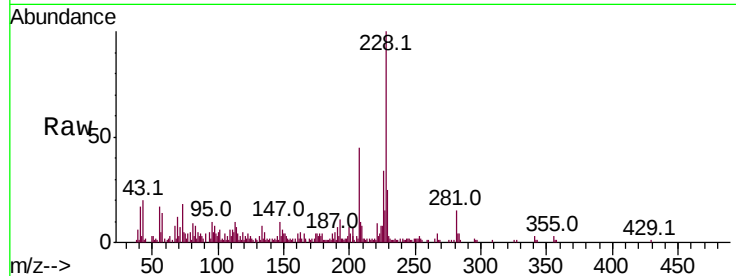
ClientSampleId :

RB47197

Tot Ion:	228	Resp:	62080
Ion Ratio	Lower	Upper	
228	100		
226	33.6	24.1	36.1
229	24.9	15.5	23.3

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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.950 ng/mL

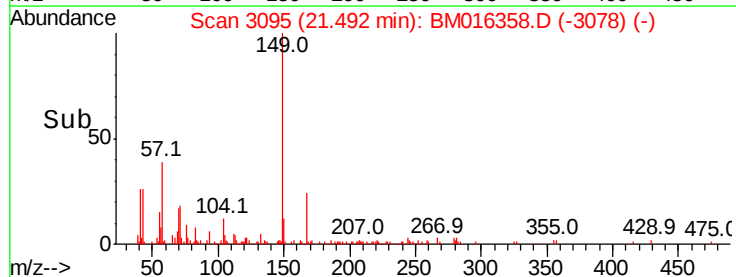
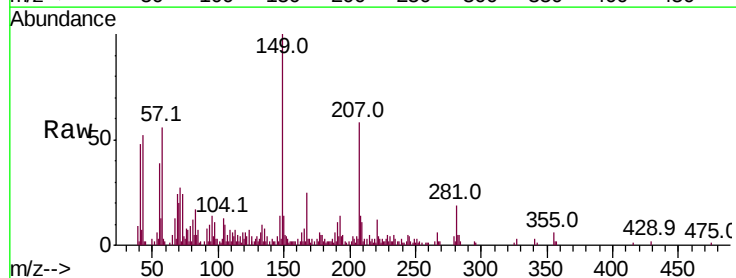
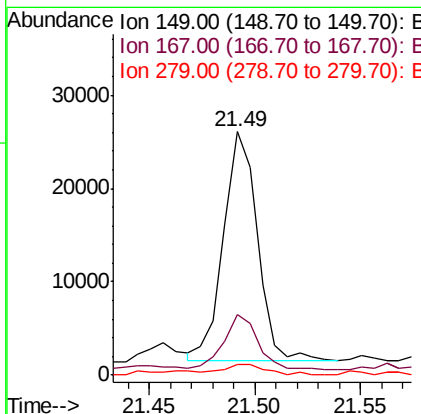
RT: 21.49 min Scan# 3095

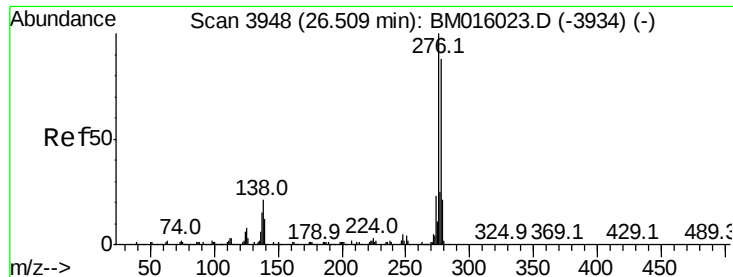
Delta R.T. 0.00 min

Lab File: BM016358.D

Acq: 14 Aug 2018 17:13

Tgt Ion:	149	Resp:	27289
Ion Ratio	Lower	Upper	
149	100		
167	24.8	22.4	33.6
279	4.1	3.4	5.0





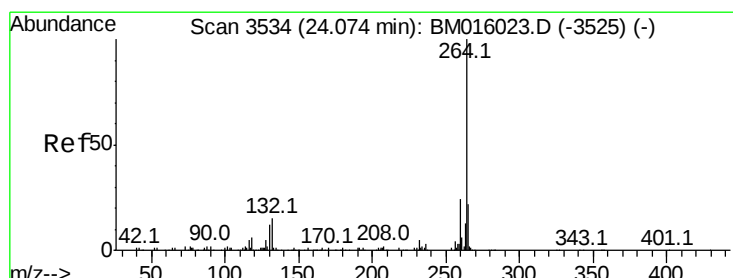
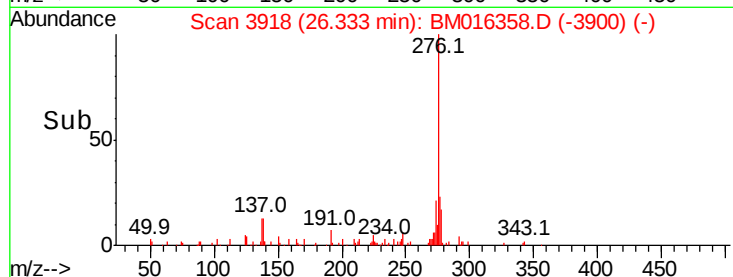
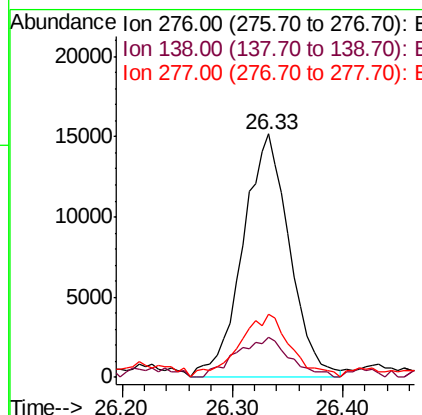
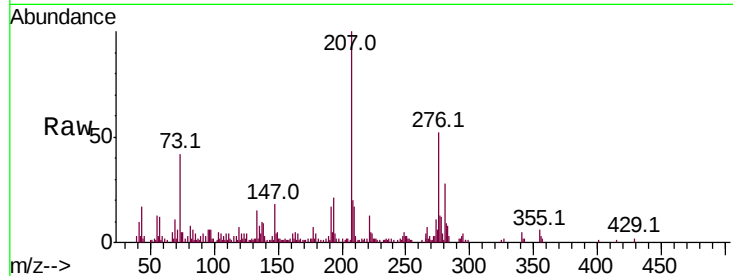
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.094 ng
RT: 26.33 min Scan# 3918
Delta R.T. 0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	12.0	18.0#
277	28.3	20.0	30.0

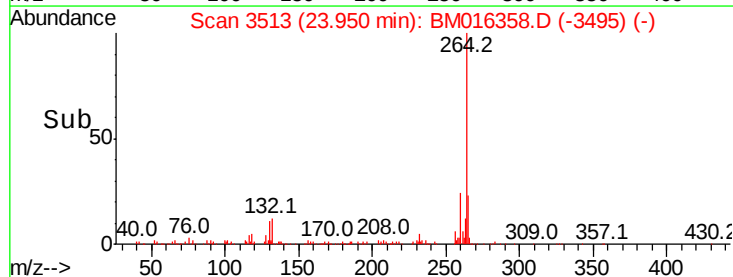
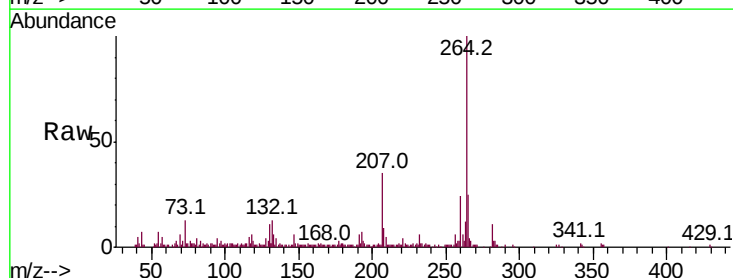
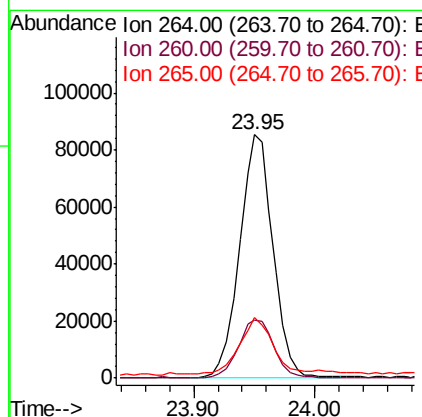
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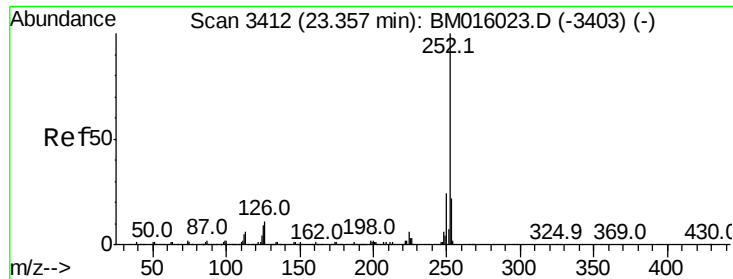
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.95 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	24.8	17.3	25.9





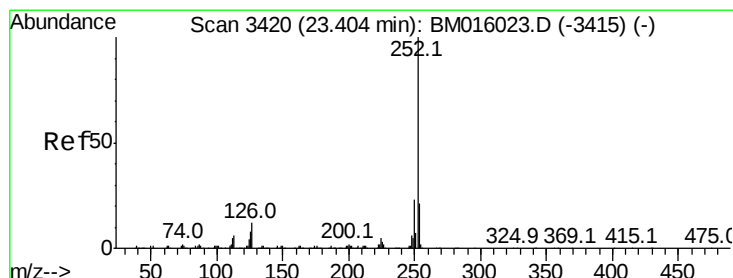
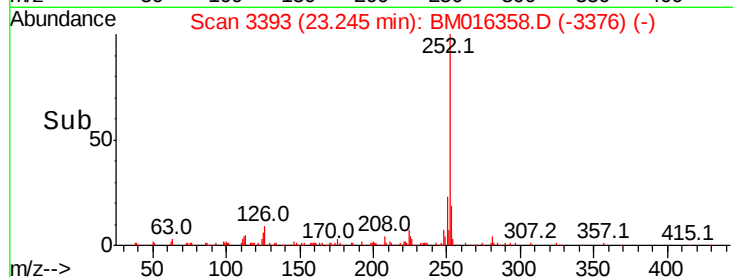
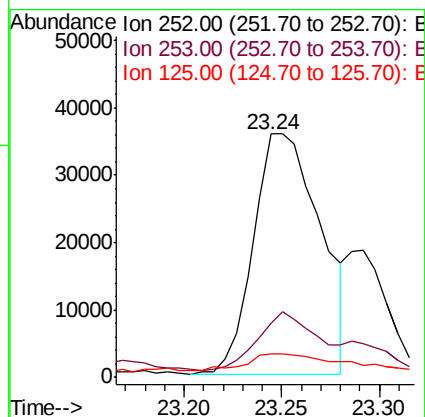
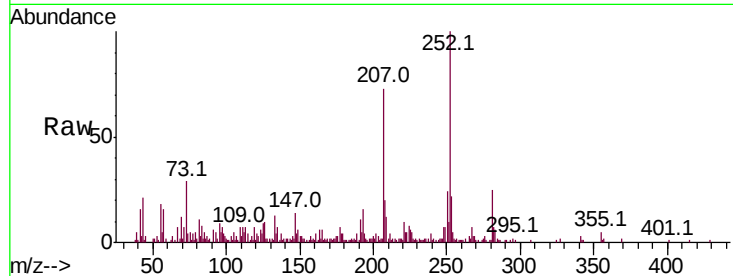
#87
Benzo(b)fluoranthene
Concen: 8.830 ng
RT: 23.24 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.5	9.9	14.9

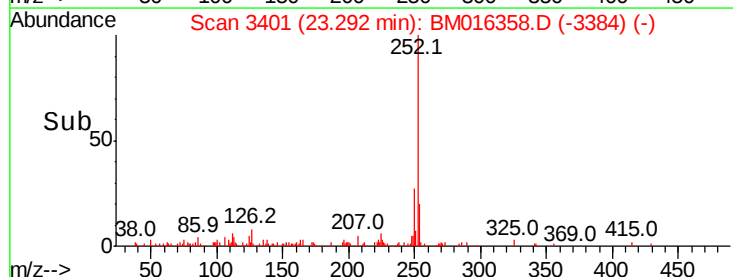
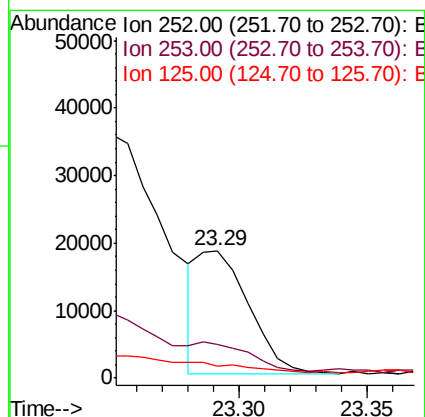
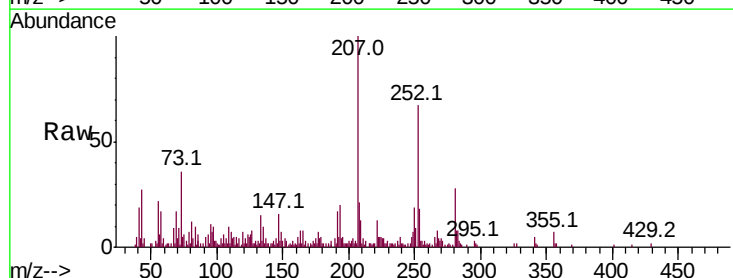
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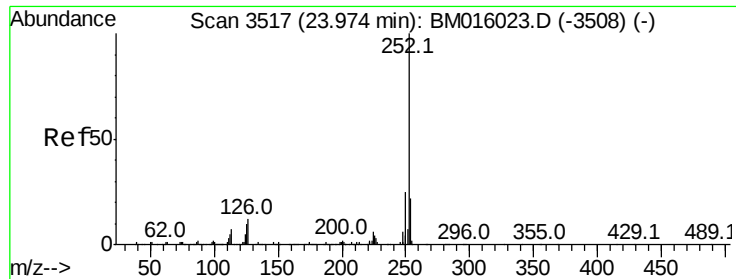
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#88
Benzo(k)fluoranthene
Concen: 2.625 ng m
RT: 23.29 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.2	25.8
125	9.6	8.1	12.1





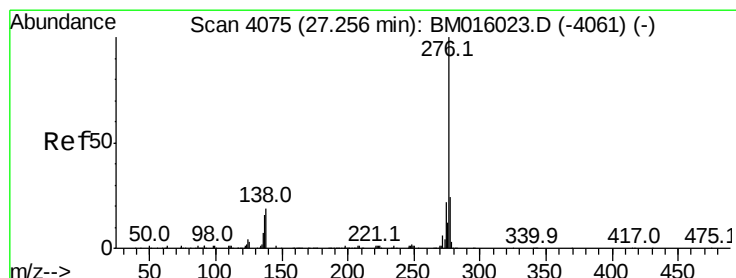
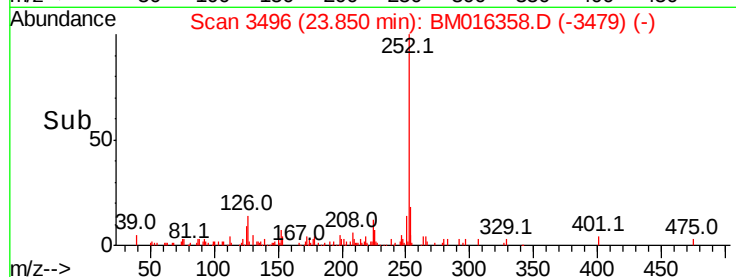
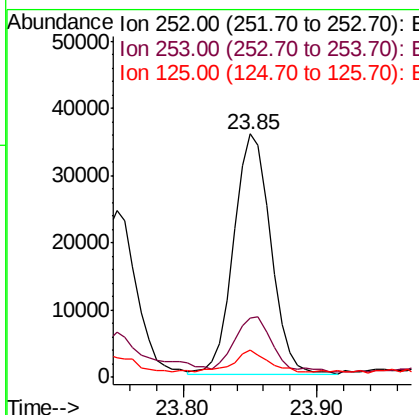
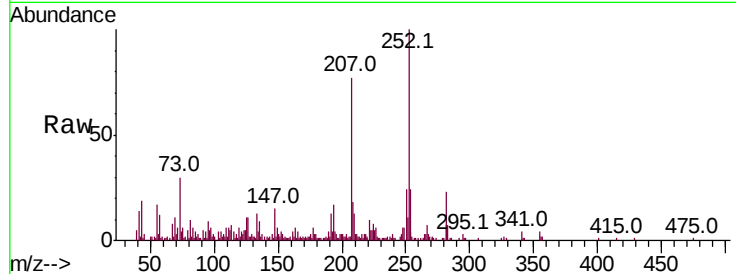
#89
Benzo(a)pyrene
Concen: 7.369 ng
RT: 23.85 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampled :
RB47197

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	11.1	7.4	11.2

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.854 ng
RT: 27.07 min Scan# 4043
Delta R.T. 0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.5	27.7
138	19.3	19.0	28.6

